

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TITLE: METHOD AND APPARATUS FOR MONITORING DYNAMIC
CARDIOVASCULAR FUNCTION USING N-DIMENSIONAL
REPRESENTATIONS OF CRITICAL FUNCTIONS

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Commissioner for Patents
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Technology Center 2100

RESPONSE TO OFFICE ACTION

Honorable Commissioner:

Applicant has received an Office action with a mailing date of April 24, 2003. This paper is intended to be fully responsive to each of the points made by the Examiner in the Office action. The applicant respectfully requests entry of the following amendments and favorable consideration of the present claims.

This paper has been prepared in the "revised format" as outlined in an article entitled "Amendments in a Revised Forman Now Permitted" posted to the United States Patent and Trademark Office website on January 31, 2003.

Amendments to the Specification begin on page 2 of this paper

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 5 of this paper. Please enter the attached amendments proceeding on the next page.

Amendment "A"